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**2 A class of burst error-correcting array codes (Corresp.)**
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**3 MDS array codes for correcting a single criss-cross error**
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**4 Coding for tolerance and detection of skew in parallel asynchronous communications**
*Blaum, M.; Bruck, J.;*

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**5 On lowest density MDS codes**
*Blaum, M.; Roth, R.M.;*

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**6 A coding approach for detection of tampering in write-once optical disks**
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**7 Byte synchronization system and method using an error-tolerant synchronization pat for the PR IV channel**
*Yasuda, T.; Blaum, M.; Tang, D.D.;*

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**8 Interleaving schemes for multidimensional cluster errors**

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**9 Performance and error propagation of two DFE channels**

*Ashley, J.; Blaum, M.; Marcus, B.; Melas, C.M.;*

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**10 An improvement on constructions of t-EC/AUED codes**

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**11 MDS array codes with independent parity symbols**

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**12 Conservative arrays: multidimensional modulation codes for holographic recording**

*Vardy, A.; Blaum, M.; Siegel, P.H.; Sincerbox, G.T.;*

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**13 Delay-insensitive pipelined communication on parallel buses**

*Blaum, M.; Bruck, J.;*

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**14 EVENODD: an efficient scheme for tolerating double disk failures in RAID architecture**

*Blaum, M.; Brady, J.; Bruck, J.; Jai Menon;*

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*Blaum, M.; Bruck, J.; Khachatrian, L.H.;*  
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*Blaum, M.; Roth, R.M.;*  
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*Blaum, M.; Litsyn, S.; Buskens, V.; van Tilborg, H.C.A.;*  
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*Blaum, M.; Bruck, J.;*  
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*Bruck, J.; Blaum, M.;*  
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23 **Combining ECC with modulation: performance comparisons**

*Blaum, M.;*

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24 **A family of efficient burst-correcting array codes**

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25 **Decoding the Golay code with Venn diagrams**

*Blaum, M.;* *Bruck, J.;*

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26 **Cross parity check convolutional codes**

*Fuja, T.;* *Heegard, C.;* *Blaum, M.;*

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28 **On error-correcting balanced codes**

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29 **Neural networks, error-correcting codes, and polynomials over the binary n-cube**

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30 **The reliability of single-error protected computer memories**

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38 **Asynchronous equalization in magnetic linear tape systems with the data set separation sequence (DSS)**

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39 **Soft decoding of several classes of array codes**

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Pages:582 - 586 vol.1

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45 **EVENODD: an optimal scheme for tolerating double disk failures in RAID architecture**

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 Barrett, R.C.; Klaassen, E.H.; Albrecht, T.R.; Jaquette, G.A.; Eaton, J.H.;  
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Pages:906 - 908[\[Abstract\]](#) [\[PDF Full-Text \(320KB\)\]](#) IEEE JNL**2 Sofic systems and encoding data***Marcus, B.;*Information Theory, IEEE Transactions on ,Volume: 31 , Issue: 3 , May 1985  
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Pages:557 - 568[\[Abstract\]](#) [\[PDF Full-Text \(1744KB\)\]](#) IEEE JNL**5 Joint estimation of data and timing in the presence of inter-symbol interference***Wilson, B.A.; New, R.; Campello, J.; Marcus, B.;*Magnetics, IEEE Transactions on ,Volume: 39 , Issue: 5 , Sept. 2003  
Pages:2582 - 2584[\[Abstract\]](#) [\[PDF Full-Text \(231KB\)\]](#) IEEE JNL**6 Optimal block-type-decodable encoders for constrained systems***Chaichanavong, P.; Marcus, B.H.;*Information Theory, IEEE Transactions on ,Volume: 49 , Issue: 5 , May 2003  
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